

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-104900

(43)Date of publication of application : 22.04.1997

(51)Int.Cl.

C11D 10/02  
 //(C11D 10/02  
 C11D 1:68  
 C11D 1:90  
 C11D 1:92  
 C11D 3:39  
 C11D 3:395 )

(21)Application number : 07-287834

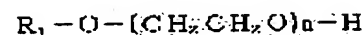
(71)Applicant : LION CORP

(22)Date of filing : 09.10.1995

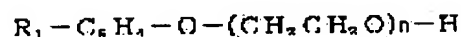
(72)Inventor : MIYAMAE YOSHITAKA  
SHINDO HIROYUKI**(54) LIQUID BLEACHING AGENT COMPOSITION****(57)Abstract:**

**PROBLEM TO BE SOLVED:** To obtain the subject composition having a specific composition containing an organic peracid precursor and having high bleaching effect and excellent storage stability and low-temperature solution stability.

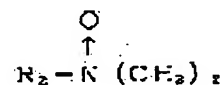
**SOLUTION:** This composition contains (A) a surfactant expressed by formulas I, II, etc., (R1 is an 8-18C straight or branched-chain alkyl, alkenyl, etc.; (n) is 2-30) and (B) a surfactant selected from the surfactants of formulas III, IV, etc., (R2 is an 8-18C branched-chain alkyl, alkenyl, etc.), a straight-chain alkylbenzene sulfonic acid salt, an  $\alpha$ -olefin sulfonic acid salt and a polyoxyethylene alkyl or alkenylsulfuric acid ester salt at an A/B weight ratio of 1/0 to 10/1 and the total amount (A+B) of 5-30wt.% and further contains (C) 0.5-10wt.% of H2O2, (D) 0.2-5wt.% of an organic peracid precursor of the formula R3COO-C6H4-Z (R3 is a 7-12C straight-chain alkyl; Z is COOH, SO3H, etc.) and (E) 0.001-5wt.% of an organic peroxide of the formula R4COOH (R4 is a 2-12C straight or branched-chain alkyl). The pH of the composition is adjusted to 2.5-4.5.



I.



II



III



IV

**LEGAL STATUS**

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

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[Patent number]

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[Number of appeal against examiner's decision  
of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

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